## P1-004

## Composing material dependence on collisional outcome between grain aggregates

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The one of the most important processes in planetesimal formation is collisions between dust aggregates in a protoplanetary nebula. Collisions between aggregates are simulated by SPH hydrocode. It has been found that cohesivity of composing grains and macroscopic strength of an aggregate greately affects collisional outcome. This result implies that planetesimals are formed non-uniformly in a protoplanetary nebula.

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